

Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 7721 Dr. Aqsa

To: Engineer's Representative Metroplan-Asian JV, Site Office JIC-JHL, Lahore. (Asian Consulting Engineers Pvt. Ltd.)

Project: Establishment of Jinnah Institute of Cardiology of Jinnah Hospital, Lahore.

Our Ref. No. CL	(CED/ 5779	Dated:	03-09-24	Test Specification
Your Ref. No.	Metroplan-Asian JV JIC-JHL-RE-241-2024	Dated:	30-08-24	()

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	0	2-09	-24	Tested on:	03-0)9-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
				1	()				· · /	/		
1	Hollow Block	25	8	2024	15.9x7.9x8.0		23.6	76.25	27	793		
2	Hollow Block	25	8	2024	15.9x7.9x8.0		24.6	76.25	36	1058		
3	Solid Block	24	8	2024	12.0x8.0x7.9		27.5	92.88	76	1833		
4	Solid Block	24	8	2024	12.0x8.0x7.9		27	92.88	67	1616		
5	Solid Block	24	8	2024	12.0x6.0x8.0	NHINE	21.4	70.56	72	2286		
6	Solid Block	24	8	2024	12.0x6.0x8.0		21	70.56	60	1905		
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 7704 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engg: Sub Division, Sialkot.

Project: Construction of Nullah and Providing and Laying of RCC Sewer from Village Kharotan Syedian to Nullah Palkhoo Pulli to Khana, Tehsil & District Sialkot. Our Ref. No. CL/CED/ 5780 Dated: 03-09-24 Dated: 27-05-24

Your Ref. No. 106/sd

COMPRESSION TEST REPORT



Test Specification

(----)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08·	-24	Tested on:	03-0	9-24	in dry/we	t condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2760	29.64	69	5215		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2780	29.64	71	5366		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2565	29.64	40	3023		
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Witness	sed by:											

witnessea by:

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Public Health Engg: Sub Division, Sialkot. Project: Construction of Nullah and Providing and Laying of RCC Sewer from Village Kharotan Syedian to Nullah Palkhoo Pulli to Khana, Tehsil & District Sialkot. Our Ref. No. CL/CED/ 5781 Dated: 03-09-24 **Test Specification** Your Ref. No. 5/sd Dated: 10-01-24

COMPRESSION TEST REPORT



(----)

7704

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08	-24	Tested on:	03-0	9-24	in dry/we	condition			
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				9 x 4.4 x 3		3350	39.6	22	1244		
2	S				9 x 4.2 x 3.1		3410	37.8	20	1185		
3	S				8.9 x 4.3 x 3		3385	38.27	32	1873		
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Witnessed by:

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Buildings Sub Division No.3, Lahore. Project: Strengthing of Specialized Health Care & Medical Education Department, Lahore. (M/S Prime **Construction Co.)** Our Ref. No. CL/CED/ 5782 Dated: 03-09-24 Your Ref. No. 1101-03 TU Dated: 01-08-24

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	1	9-08	-24	Tested on:	03-0	9-24	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD		Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	12	7	2024	6x6x6		8.4	36	66	4107		Non Engraved
2	(1:2:4)	12	7	2024	6x6x6		9	36	81	5040		Non Engraved
3	(1:2:4)	12	7	2024	6x6x6		8.4	36	54	3360		Non Engraved
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11						-						
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16												

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory

7630

Test Specification

(BS 1881-116)



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 7726 Dr. Aqsa

To: Mr. Junaid Aslam

Project Manager, Tawasul Developers (Pvt) Ltd.

Project: Construction of Creek Tower 6-D Upper Mall Lahore. (Contractor: Ravi Construction Company)

Our Ref. No. CL/CED/ 5783	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	03-09-24	(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers



Specime	ens received on:	0	3-09	-24	Tested on:	03-0	9-24	in dry/wet	condition		[i e de la companya de
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	5	8	2024	6Diax12		12.6	28.28	25	1980		Non Engraved
2	(4000 Psi)	5	8	2024	6Diax12		12.6	28.28	26	2059		Non Engraved
3	(4000 Psi)	5	8	2024	6Diax12		12.4	28.28	22	1743		Non Engraved
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Supervisor (Lab)



0:	Executive Engineer (B&W)			
	UVAS, Lahore.			
	Project: Construction of Wrestling Academy at Sport Con	nplex City Campus, UVA	S, Lahore. (M/S Shaho	een
	Construction Company)			
	Our Ref. No. CL/CED/ 5784	Dated:	03-09-24	Test Specification
	Your Ref. No. E.E 908	Dated:	28-08-24	(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers												
Specim	ens received on:	2	8-08	-24	Tested on:	03-0	9-24	in dry/wet	condition		[jestegi
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(5000 Psi)	29	7	2024	6Diax12		14	28.28	108	8554		Engraved
2	(5000 Psi)	29	7	2024	6Diax12		14	28.28	93	7366		Engraved
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Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



the report has been retained in the lab for record.

> 7696 Dr. Aqsa

ORIGINAL A carbon copy for



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 7713 Dr. Aqsa

To: Mr. Muhammad Atif Khalil Project Manager (BMC), Banu Mukhtar Contracting (Pvt.) Ltd.

rioject manager (BMO), Band mukikar Contracting (rvt.) Etd.

Project: Burj-1 by AJWA Builders. (Main Building 4th Floor Zone-01, Shear Wall-02 Grids: C~D/2)

Our Ref. No. CL/	CED/ 5785	Dated:	03-09-24	Test Specification
Your Ref. No.	DOC-BMC/AJWA/171	Dated:	29-08-24	(ASTM C39)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	3	80-08	-24	Tested on:	03-0	9-24	in dry/we	t condition		Ü	je ske gj
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	27	7	2024	6Diax12		14	28.28	81	6416		Non-Engraved
2	(6000 Psi)	27	7	2024	6Diax12		14	28.28	91	7208		Non-Engraved
3	(6000 Psi)	27	7	2024	6Diax12		14.6	28.28	80	6337		Non-Engraved
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Witnessed by: Nil												

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab)



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 7713 Dr. Aqsa

To:	Mr. Muhammad A Project Manager	tif Khalil (BMC), Banu Mukhtar Contracting Pvt. Ltd.								
	Project: Burj-1 by AJWA Builders. (Main Building 4th Floor Zone-01, Column # 05 Nos., Grids: H'/2a3,G/3,F/3,E/3)									
	Our Ref. No. CL/C	ED/ 5786	Dated:	03-09-24						
	Your Ref. No.	DOC-BMC/AJWA/170	Dated:	29-08-24						

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimo	ens received on:	3	0-08	-24	Tested on:	03-0)9-24	in dry/we	t condition		Ë	je 2029)
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000 Psi)	24	7	2024	6Diax12		14.6	28.28	81	6416		Non-Engraved
2	(6000 Psi)	24	7	2024	6Diax12		14.2	28.28	84	6653		Non-Engraved
3	(6000 Psi)	24	7	2024	6Diax12		14.2	28.28	84	6653		Non-Engraved
4						/						
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6					>	READ IN	2071					
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Project: (Structure: DG & ODU), Site ID-53879			
Our Ref. No. CL/CED/ 5787	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	9-08	-24	Tested on:	03-0)9-24	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3 and 1:4:8)	29	7	2024	6x6x6		8.6	36	70	4356		Non Engraved
2	(1:1.5:3 and 1:4:8)	29	7	2024	6x6x6		8	36	82	5102		Non Engraved
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5					<	NETNE	RING					
6)	READ IN	2071					
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16												
	ed by: Nil											

Witnessed by: Nil

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Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Mobile: 0307-0496895 Landline: 042-99029245 & 042-99029202

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> 7712 Dr. Aqsa

To: Mr. Muhammad Jan

Senior Site Inspector, Designmen Consulting Engineers Pvt. Ltd.

Project: Construction of Allama Iqbal Open University, Regional Campus Building at Sheikhupura.

Our Ref. No. CL/	/CED/ 5788	Dated:	03-09-24	Test Specification
Your Ref. No.	P-348/2022/AIOU-SKP/LAB/24	Dated:	27-08-24	(BS 1881-116)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	3	0-08	-24	Tested on:	03-0)9-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	First Floor Columns, Pour-II	20	8	2024	6x6x6	(r.g/ gills) 	(Kg/ gills) 8.2	36	56	(psi) 3484		Engraved
2	First Floor Columns, Pour-II	20	8	2024	6x6x6		8.4	36	57	3547		Engraved
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Civil Engineering Department

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7720 Dr. Aqsa

To: Engr. M. Imran

Resident Engineer, Master Consulting Engineers (Pvt.) Ltd.

Project: Construction of 07-Storey Residential Block Having Minimum 100 Rooms with Attached Bathroom Facilities at Gurdwara Janamasthan Nankana Sahib Our Ref. No. CL/CED/ 5789 Dated: 03-09-24 Your Ref. No. NKB/RE/MCE/RCC/13 Dated: 02-09-24

COMPRESSION TEST REPORT



Test Specification

(BS 1881-116)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specime	ens received on:	0	2-09	-24	Tested on:	03-0)9-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft (1:1.5:3)	6	8	2024	6x6x6		9	36	105	6533		Engraved
2	Raft (1:1.5:3)	6	8	2024	6x6x6		9	36	112	6969		Engraved
3	Raft (1:1.5:3)	6	8	2024	6x6x6		8.8	36	114	7093		Engraved
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6						READIN	207					
7						OF THY CORD WHO OREATES	زیجک الکی خلق ر	1				
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9					- 7	200		~				
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Witness	ed by:											

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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 5790	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	()

-

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	3-08	-24	Tested on:	03-0)9-24	in dry/wet	condition			jester
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MIN	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	- ()	
1	ΡΤΙ				8.9 x 4.4 x 3	3775	3260	39.16	38	2174	15.8	
2	ΡΤΙ				8.9 x 4.3 x 3.1	3855	3410	38.27	31	1814	13.05	
3	ΡΤΙ				9 x 4.4 x 3	3830	3395	39.6	28	1584	12.81	
4												
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13												
14												
15												
16												
Witness												

witnessea by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 5791	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	()

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 23-08-24 Tested on: 0					03-0	9-24	in dry/we	t condition				
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	к				9 x 4.3 x 3	3775	3295	38.7	30	1736	14.57	
2	к				9 x 4.3 x 3	3810	3355	38.7	38	2199	13.56	
3	к				9 x 4.3 x 3	3745	3250	38.7	30	1736	15.23	
4												
5						STATI	RING					
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7						OF THY GREATES	ز ب ک اند کی خلق ر	133				
8					1							
9								N				
10					<	LA	IORE					
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13												
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15												
16												
Witnessed by:												

witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Note: Above results pertain to the unsealed samples supplied to the laboratory

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients) 2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 5792	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	()

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	2	3-08	-24	Tested on:	03-0)9-24	in dry/wet	condition			
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	НВ				8.8 x 4.2 x 2.9	3730	3340	36.96	35	2121	11.68	
2	НВ				8.8 x 4.2 x 2.9	3735	3300	36.96	41	2485	13.18	
3												
4												
5					-	THIE	RIA-					
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Witness	Witnessed by:											

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Civil Engineering Department

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7674 Dr. Aqsa

To: Engr. Haseeb Afzal Project Manager, HMB Developers Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 5793	Dated:	03-09-24	Test Specification
Your Ref. No.	HMBDPL/S.O/08/24/01 (LHR)	Dated:	23-08-24	()

-

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

-

Specimens received on:		2	3-08	-24	Tested on:	03-0	9-24	in dry/wet	t condition			je stag
Sr. No.	Mark*		-	Date*		Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	SR				8.8 x 4.2 x 2.9	3645	3190	36.96	28	1697	14.26	
2	SR				8.9 x 4.3 x 3	3825	3345	38.27	32	1873	14.35	
3												
4						/						
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14												
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Witnessed by:												

witnessed by:

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7689 Dr. Aqsa

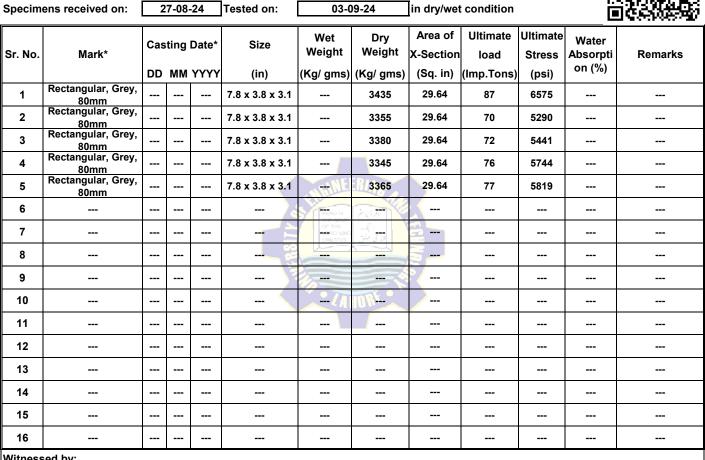
To: Mr. Muhammad Yaqoob CAL World Engineering Pvt. Ltd.

Drojaat: Nil

Plojeci. Nii			
Our Ref. No. CL/CED/ 5794	Dated:	03-09-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	()

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers



Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

7607 Dr. Aqsa

То:	Mr. Muhammad Hassan Khan Resident Engineer, Highways and Transportation Enigineering Division. NESPAK (Pvt) Ltd.										
	•	iction of Carpet / PCC / Tuff Tile and Drainage I S USMAN ILYAS & CO.)	Facilities in UC No.	197, Dahaloki, Lahor	е.						
	Our Ref. No. CL	(CED/ 5795	Dated:	03-09-24	Test Specification						
	Your Ref. No.	3772/103/MHK/ADP/Dhaloki-(UI)/11	Dated:	13-08-24	(BS 3921**)						

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specim	ens received on:	1	3-08	-24	Tested on:	03-0)9-24	in dry/wet	condition			jenes
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	N				8.6 x 4.1 x 2.8	2970	2620	35.26	27	1715	13.36	
2	N				8.8 x 4.2 x 2.8	3090	2710	36.96	41	2485	14.02	
3	N				8.5 x 4.2 x 2.9	2975	2615	35.7	28	1757	13.77	
4	N				8.8 x 4.2 x 3	3180	2830	36.96	27	1636	12.37	
5	N				8.6 x 4.2 x 2.8	3010	2610	36.12	29	1798	15.33	
6	KS				8.6 x 4.3 x 2.8	2820	2525	36.98	26	1575	11.68	
7	KS				8.8 x 4.2 x 2.9	3060 WHO	2785	36.96	22	1333	9.87	
8	KS				8.9 x 4.3 x 3	3010	2945	38.27	17	995	2.21	
9	KS				8.6 x 4.3 x 2.9	2990	2630	36.98	20	1211	13.69	
10	KS				8.8 x 4.3 x 3	2970	2660	37.84	24	1421	11.65	
11												
12												
13												
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15												
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Witness	ed by:											

witnessea by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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